

ASCE

1980

COMBINED INDEX



ASCE

1980

*Journals (Proceedings)
Civil Engineering,
Transactions,
Manuals and Reports,
and
Special Publications*

INDEX TO 1980 ASCE PUBLICATIONS

FOREWORD

The 1980 index, which provides a guide to information published by ASCE during 1980, combines material appearing in the Journals (Proceedings Vol. 106), CIVIL ENGINEERING (Vol. 50), Transactions (Vol. 145), Manuals and Reports, and Special Publications.

The user will find all articles and papers dealing with specific subject areas listed under one or more appropriate subject headings suggested by the content and application of the paper. The Engineers Joint Council "Thesaurus of Engineering Terms" has been used as the primary source of index terms. The Water Resources Thesaurus of the U.S. Department of the Interior and the Micro-Thesaurus compiled by the Soil Mechanics and Foundations Division of ASCE were also used.

The Index can be used in conjunction with the information-retrieval cards printed in the front of each Journal and to the rear of CIVIL ENGINEERING. The bold key words on the information-retrieval cards are the words used as index terms in the 1980 Index.

The name index contains entries indexed under the names of author, co-authors, discussers, chairmen of committees preparing reports, and deceased members whose memoirs appeared in Transactions.

In the name index, the entry for a Proceedings Paper (under the first name if more than one author) is supplemented by information concerning the discussion, closure, and Transactions digest, if applicable. To find what discussion, if any, there has been for a Proceedings Paper located in the subject index, the reader looks under the entry for the first-named author in the name index. When discussion of a paper from a prior year is published, the original entry is repeated. Discussion over a period of time can be traced until the closure to the paper is located.

When the paper appears in Transactions, the complete entry including original paper, discussion, closure, errata (if applicable), and Transactions citation appears in the name index.

Typical abbreviations used herein are:

Dsc for discussion

Clo for closing discussion

Corr for corrections

Err for errata

Chmn for Chairman of a committee submitting a report

TR for Transactions

TN for Technical Note

Items indexed from ASCE Special Publications have the following symbols in the references:

1. EFHYF—Conference of the Engineering Foundation, Improved Hydrologic Forecasting—Why and How, Pacific Grove, CA, March 25-30, 1979.
2. HW80—Specialty Conference of the Highway Division, Implementing Highway Safety Improvements, San Diego, CA, March 12, 1980.
3. ASDC—Case Studies of Applied Advanced Data Collection and Management, 1980.
4. CRLS—Specialty Conference of the Construction Division, Construction Risks and Liability Sharing, Scottsdale, Arizona, Jan. 24-26, 1979.
5. CAAA—Specialty Conference of the Urban Transportation Division, Transportation and the 1977 Clean Air Act Amendments, San Francisco, CA, Nov. 1, 1979.
6. UT79A—Specialty Conference of the Urban Transportation Division, Urban Transportation Financing, Lewisburg, PA, July 25-27, 1979.
7. P080—Specialty Conference of the Waterway, Port, Coastal and Ocean Division, Ports '80, Norfolk, VA, May 19, 1980.
8. MGC—Specialty Conference of Management Group C, Transportation and Development Around the Pacific, Honolulu, Hawaii, July 21-25, 1980.
9. SU80—Specialty Conference of the Surveying and Mapping Division, The Planning and Engineering Interface with a Modernized Land Data System, Denver, Colorado, June 2-4, 1980.
10. SLS—Fourth International Conference on Expansive Soils, Denver, Colorado, June 16-18, 1980.
11. CP80—Specialty Conference of the Technical Council on Computer Practices, Second Conference on Computing in Civil Engineering, Baltimore, MD, June 9, 1980.
12. HYUS—Specialty Conference of the Hydraulics Division, Urban Stormwater Management in Coastal Areas, Blacksburg, VA, June 19-20, 1980.
13. EE80—Specialty Conference of the Environmental Engineering Division, 1980 National Conference on Environmental Engineering, New York, NY, July 8-10, 1980.
14. IRKB—Specialty Conference of the Irrigation and Drainage Division, Symposium on Watershed Management, Boise, ID, July 21-23, 1980.
15. IRKA—Specialty Conference of the Irrigation and Drainage Division, Irrigation and Drainage—Today's Challenges, Boise, ID, July 23-25, 1980.
16. HYCO—Specialty Conference of the Hydraulics Division, Computer and Physical Modeling in Hydraulic Engineering, Chicago, IL, August 6-8, 1980.

17. AS80—Specialty Conference of the Aerospace Division, Civil Engineering Aspects of Remote Sensing, Madison, Wisconsin, August 13–14, 1980.
18. CZ80—Symposium of the Waterway, Port, Coastal and Ocean Division, Coastal Zone '80, Second Symposium on Coastal and Ocean Management, Hollywood, Florida, November 17–20, 1980.
19. GTA80—Dynamic Response of Pile Foundations: Analytical Aspects. Hollywood, Florida, October 30, 1980.
20. FIC—Fracture in Concrete, Hollywood, Florida, October 27–31, 1980.
21. EM81—Specialty Conference of the Engineering Mechanics Division, Dynamic Response of Structures: Experimentation, Observation, Prediction and Control, Atlanta, GA, January 15–16, 1981.
22. GTDF—Symposium on Deep Foundations, Atlanta, GA, October 25, 1981.

Preprints are indicated by the words Preprint and the preprint number and date. They were presented at ASCE National Meetings as follows:

<i>Preprints</i>	<i>Meeting</i>	<i>City</i>	<i>Date</i>
80-001-80-179	National Convention	Portland, Ore.	April 14–18, 1980
80-501-80-684	National Convention and Exposition	Hollywood, Fla.	Oct. 27–31, 1980

Journal Abbreviations: Construction (CO), Energy (EY), Engineering Mechanics (EM), Environmental Engineering (EE), Geotechnical Engineering (GT), Hydraulics (HY), Irrigation and Drainage (IR), Structural (ST), Surveying and Mapping (SU), Technical Councils (TC), Transportation Engineering (TE), Urban Planning and Development (UP), Waterway, Port, Coastal and Ocean (WW), Water Resources Planning and Management (WR). Papers sponsored by the Department of Professional Activities appear in "Engineering Issues—Journal of Professional Activities" and are identified by the symbols (EI). Papers appearing in the Transportation Engineering Journal of ASCE include papers approved by the Aerospace, Air Transport, Highway, Pipeline and Urban Transportation Divisions. Papers appearing in the Journal of the Technical Councils of ASCE include papers approved by the Technical Councils on Codes and Standards, Cold Regions Engineering, Computer Practices, Lifeline Earthquake Engineering, and Research.

The original publication can be found from the index entry as follows: Papers appearing in the Journals (Proceedings) are listed as:

CO3:Sept 80:247:15668

which would indicate a paper published in the Journal of the Construction Division, September 1980 on page 247, as Proceedings Paper 15668.

The Transactions entry

TR:145452

indicates that the Digest appears in Transactions, Volume 145, on page 452.

Articles and news items published in CIVIL ENGINEERING are represented as:

CE:May 80:69

Which states that the article appeared in CIVIL ENGINEERING in the May 1980 issue on page 69.

In addition to articles, the following Departments of CIVIL ENGINEERING are indexed: ASCE News, Engineers Notebook, The Readers Write, and The Younger Viewpoint.

Items indexed from Vol. 106 (1980) of the Journals are identified by months. The number of Journals published by a Division in 1980 can be obtained from the number after the last Division abbreviation i.e., GT 12, Dec. 1980 identifies the twelfth issue of the Journal of the Geotechnical Engineering Division. The complete list of paper numbers and Journals for 1980 is as follows:

Month	Paper Numbers	CO	EY	EM	EE	EI	GT	HY	IR	ST	SU	TC	TE	UP	WW	WR
Jan.	15096-15157					1	1	1		1			1			
Feb.	15158-15222			1	1		2	2	2						1	
Mar.	15223-15295	1					3	3	1	3			2			1
Apr.	15296-15377		1	2	2	2	4	4		4						
May	15378-15439						5	5		5			3		2	
June	15440-15509	2		3	3		6	6	2	6						
July	15510-15581					3	7	7		7			4			2
Aug.	15582-15660			4	4		8	8		8		1			3	
Sept.	15661-15716	3					9	9	3	9			5			
Oct.	15717-15782		2	5	5	4	10	10		10						
Nov.	15783-15862						11	11		11	1		6	1	4	
Dec.	15863-15950	4		6	6		12	12	4	12						

This annual index has been composed using magnetic tapes of all 1980 entries. To make future issues more useful, interested persons should submit their suggestions for further improvement to:

Information Services

ASCE

345 East 47th Street

New York, New York 10017

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